

Remarks

Initially, it is noted that the listing of the withdrawn claims shown in the Office Action Summary, line 4a) (page 1 of the Office Action) and in paragraph 1 of the Office Action is incorrect. Claims 9-11, 18-20, 23, 24, 26, 32, 33, 40-43, 45, 46 and 48-53 have been withdrawn. Claims 7, 8, 25, 30, 31 and 47 have not been withdrawn. Therefore, the actual pending claims are 1-8, 12-17, 21, 22, 25, 27-31, 34-39, 44 and 47. A result of this is that the present Office Action does not indicate the status of claims 25 and 47. However, both have been cancelled, so it is now moot.

In paragraph 2 of the Office Action, the Examiner has objected to the drawings because they fail to show encoder 68'. It is respectfully submitted that this rejection is in error. Reference numeral 68' is shown in FIG. 2. See the lower left corner of that drawing. Therefore, it is believed this drawing objection should be withdrawn and Applicant need take no action to change the drawings.

In paragraph 3 of the Office Action, the Examiner has objected to claims 1-8, 12-17, 21, 22, 27, 28-31, 34-39 and 44 as being substantial duplicates of "claims 1-8, 14-19, 23, 24, 29-33 and 47". It is presumed the quoted reference is to Applicant's prior U.S. Patent No. 6,698,159 B2. Claims 1-8, 21, 22, 25, 27-31, 44 and 47 have been cancelled herein. None of the remaining claims are substantial duplicates of claims entered by the Examiner in the previous patent. Therefore, it is respectfully submitted that this objection should be withdrawn.

In paragraph 4 of the Office Action, the Examiner has rejected claims 1-8, 12-17, 21, 22, 27, 28-31, 34-39 and 44 under the judicially created doctrine of obviousness-type double patenting over claims 1-8, 14-19, 23, 24, 29-33 and 47 in Applicant's prior U.S. Patent No. 6,698,159 B2. As previously noted, claims 1-8, 21, 22, 25, 27-31, 44 and 47 have been cancelled

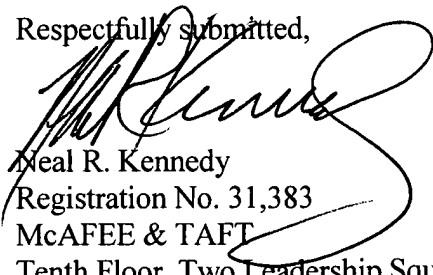
herein. The remaining claims are believed to be patentably distinct from claimed subject matter in the previous patent. Therefore, it is respectfully submitted that this rejection should be withdrawn.

In paragraph 6 of the Office Action, the Examiner has rejected claims 1, 21, 22, 27 and 44 under 35 U.S.C. §102(b) as being anticipated by U.S. Patent No. 4,179,961 to Harris. Applicant respectfully disagrees with the Examiner, but since these claims have been cancelled herein, the rejection is now moot.

In paragraph 8 of the Office Action, the Examiner has rejected claims 2-3 and 28 under 35 U.S.C. §103(a) as being unpatentable over U.S. Patent No. 4,179,961 to Harris in view of U.S. Patent No. 3,941,019 to Baldwin. Applicant respectfully disagrees with the Examiner, but since these claims have been cancelled herein, the rejection is now moot.

In paragraph 9 of the Office Action, the Examiner has merely objected to claims 4-8, 12-17, 29-31 and 34-39 as being dependent upon a rejected base claim but has indicated these would be allowable if rewritten in independent form including all of the limitations of the base claims and any intervening claims. Claims 4-8 and 29-31 have been cancelled. Claim 12 has been cancelled and resubmitted in independent form as new claim 54. Claim 34 has been cancelled and resubmitted in independent form as new claim 55. Claims 13-16 have been amended to depend from new claim 54, and claims 35-38 have been amended to depend from new claim 55. Therefore, claims 13-17, 35-39, 54 and 55 should now be in condition for allowance.

Respectfully submitted,



Neal R. Kennedy
Registration No. 31,383
McAFEE & TAFT
Tenth Floor, Two Leadership Square
211 North Robinson
Oklahoma City, Oklahoma 73102
Telephone: (405) 235-9621
FAX No.: (405) 235-0439
E-Mail: nick.kennedy@mcafeetaft.com
Attorney for Applicant